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# K1810-S4

Four Head Laser Cutting Machine

## INTRODUCTION

KASU K1810-S4 four head laser cutting machine with conveyor belt can auto cut roll to roll plain fabrics and PU leather.

The four heads of KASU K1810-S4 laser cutting machine can simultaneously cut the same shapes of patterns in plain fabrics with super high speed.

Compared with the single head laser cutting machine or the double head laser cutting machine, KASU's four head laser cutting machine with auto feeding system K1810-S4 can

■ Effective Working Area:

1800\*1000MM

Machine Size: 2420\*2230\*1120MM

offer you a less than 3 months ROI automatic cutting workshop solution! High precision cutting also ensures your high product quality.

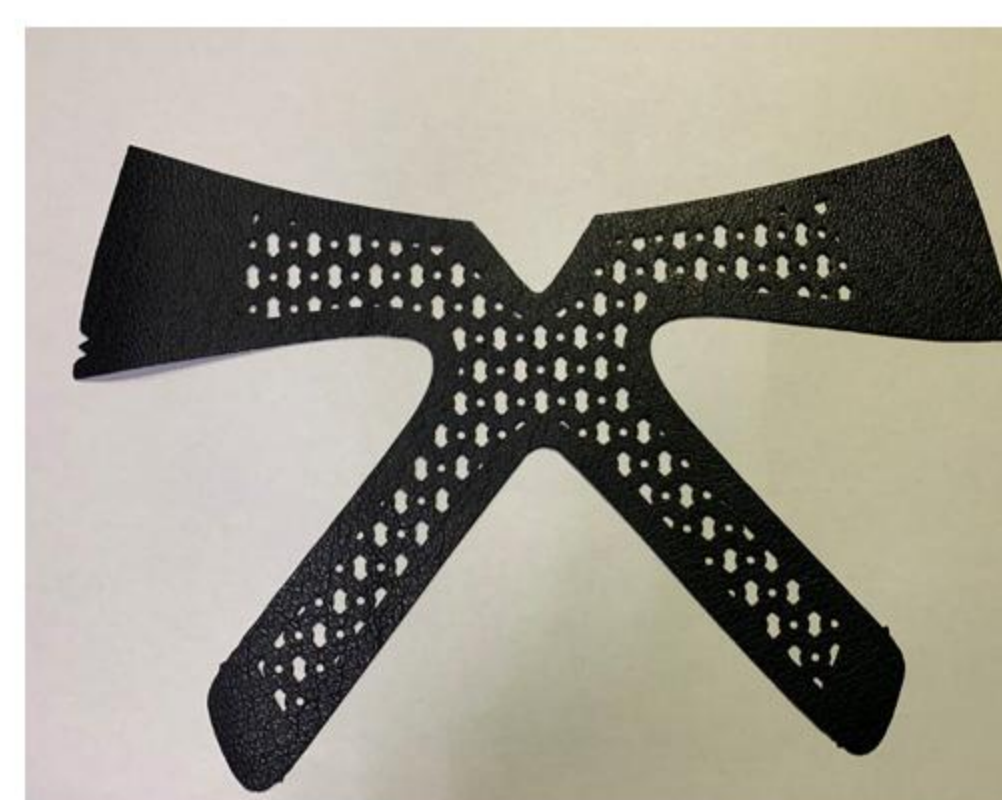
## APPLICATIONS



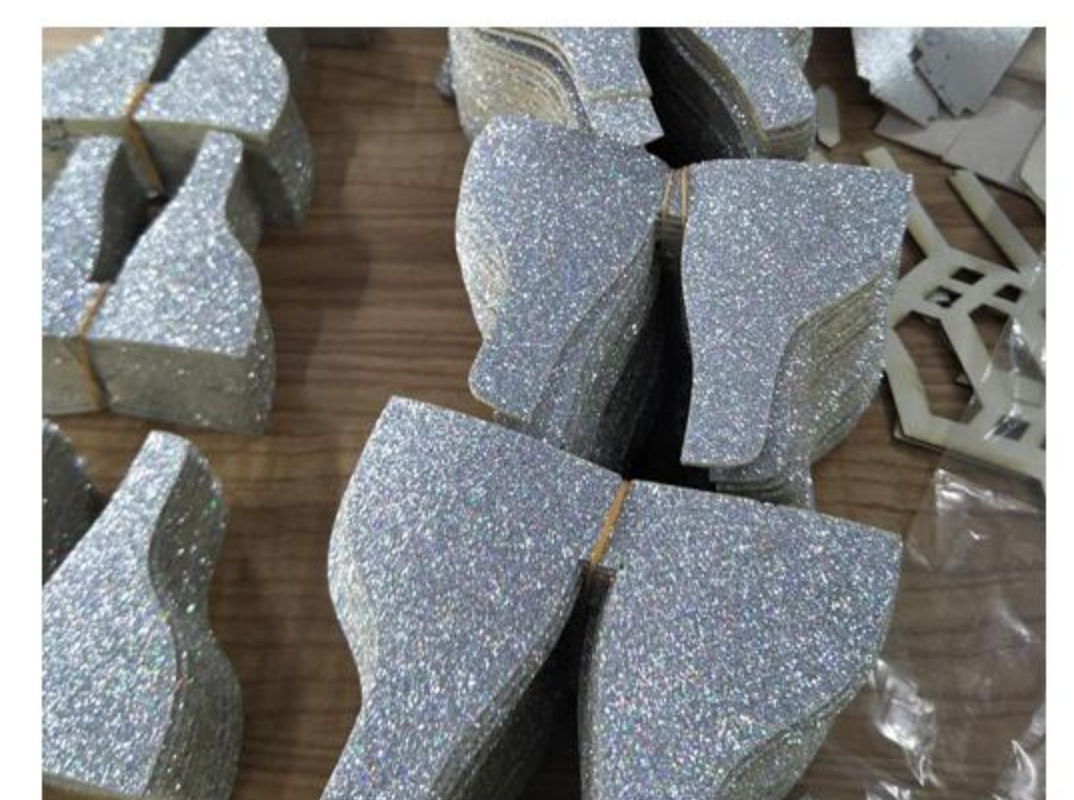
Plush Shoe Upper



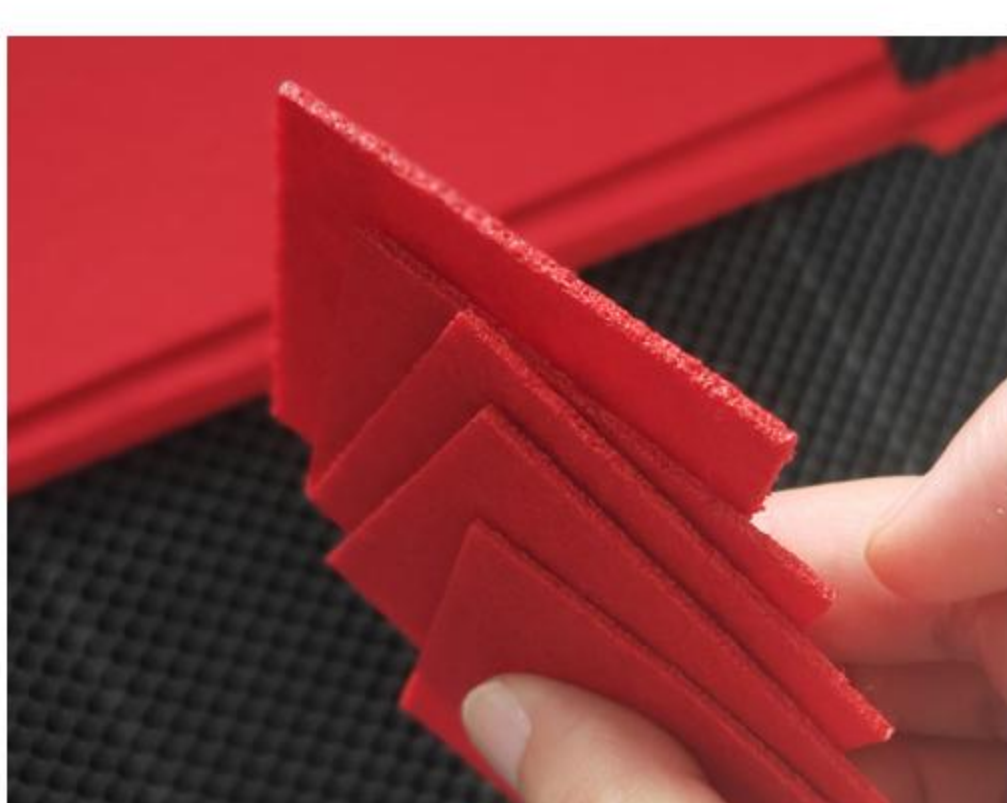
Membrane



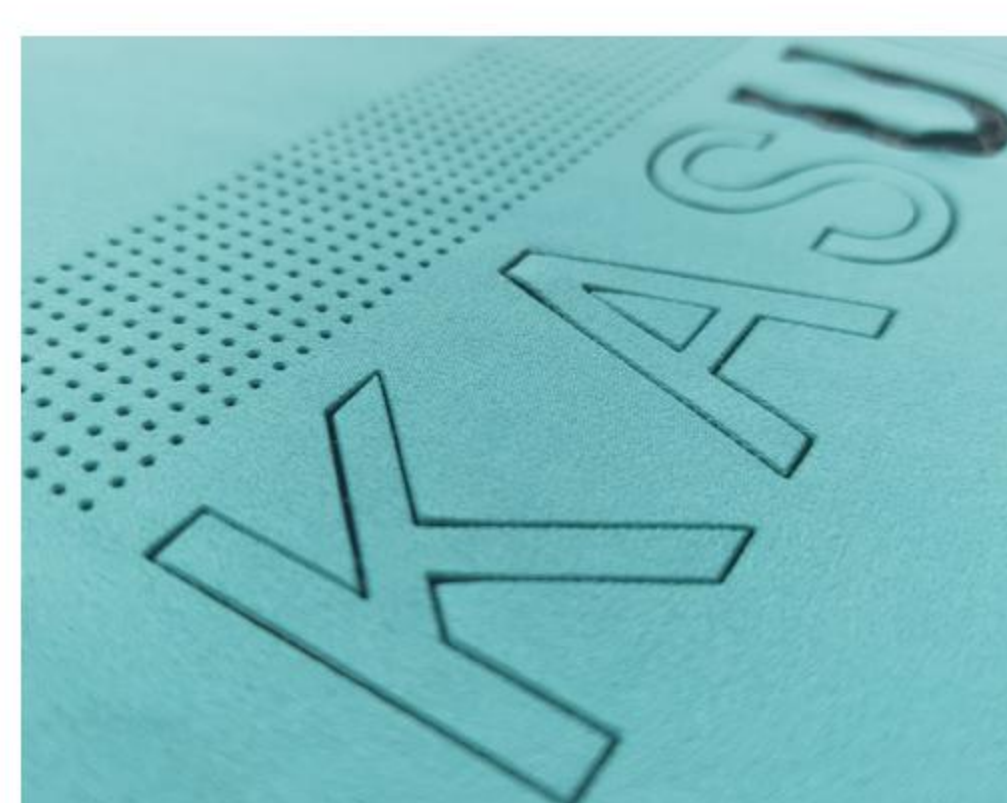
PU Leather



PVC



Non Woven



Perforation

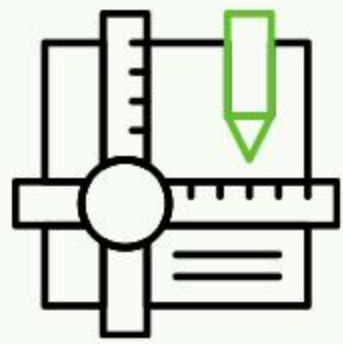


Home Textile

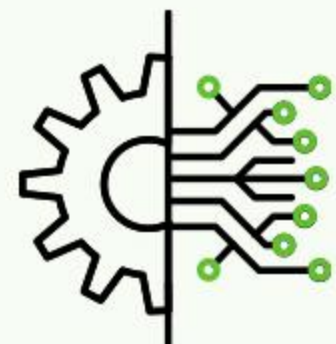


Composite

## ■ KEY FEATURES



Four Times Faster Than  
Single Head Model



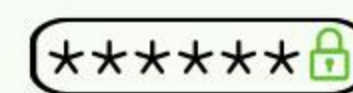
Powerful Control Software  
Meet Different Industry  
Needs



Multi Laser Functions



Computer-Aided  
Manufacturing



Low Initial Machine  
Investment

### ■ High Speed Four Head Laser Cutting System

After importing the nesting layout of patterns into our smart laser control software, the four laser heads can automatically move to specific positions. 0mm pattern cutting space helps save more materials than the manually adjusted laser head unit.



### ■ Reinforced Hardware Module

The laser cutter lasts longer since there is no mechanical friction that could lead to wear and tear. KASU laser's reinforced hardware module make our cutter achieve an impressive level of precision. This level of accuracy is as high as  $\pm 0.1\text{mm}$ , which is one of the best you'll get from laser cutting.

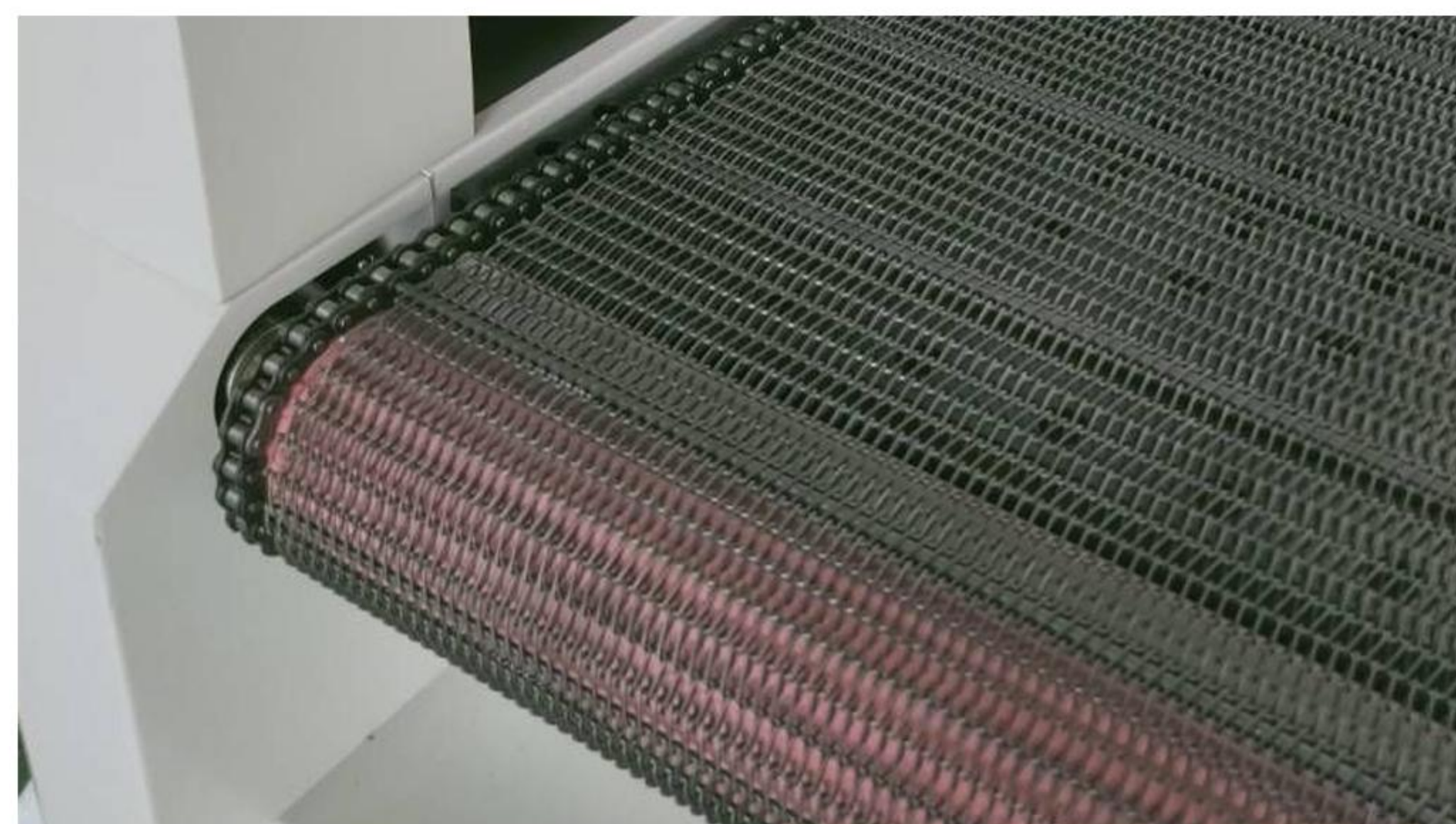


### ■ Sealed Glass Co2 Laser Tube



Sealed glass Co2 laser tube is one of the consumables for Co2 laser cutting machine. But the Made-In-China Co2 glass tube's ROI is super high. One 100W laser tube can last for over 2 years based on 8 working hours per day. And you only need to pay about hundreds of US Dollars to replace one.

### ■ Auto Feeding Conveyor Table

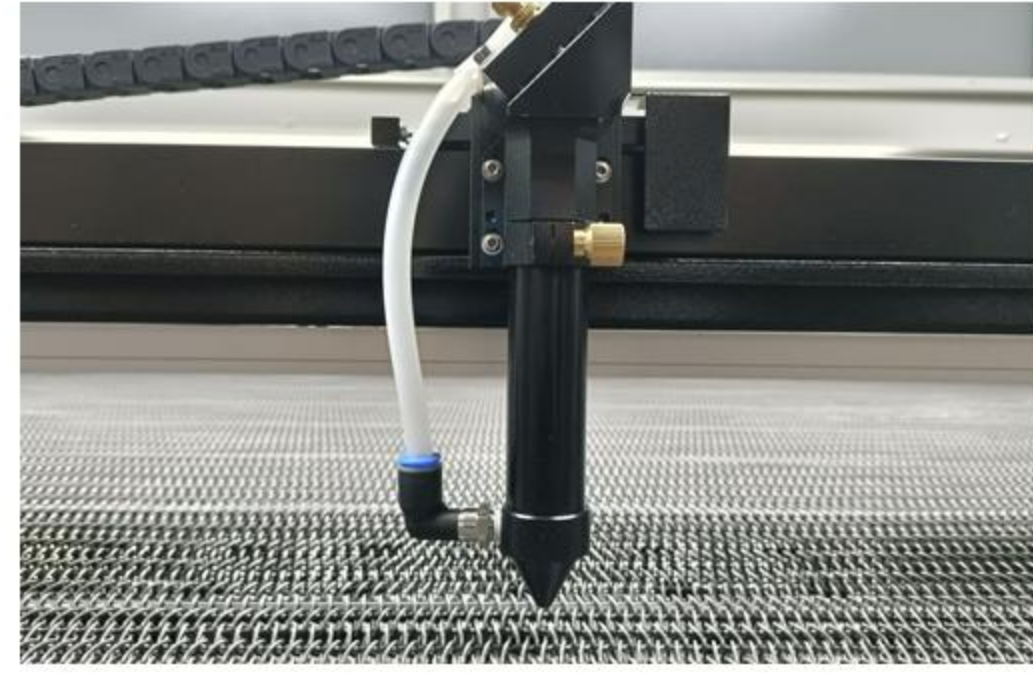


K1810-S4 is equipped with a chain conveyor belt, which can auto-feed the roll material right after the laser cutting process. Automatic feeding of fabrics with small feeding errors means super-low requirements for operators. The operator only needs to take care of the cut pattern pick-up job.

## ■ TOP QUALITY SPARE PARTS



Control Card



Cutting Head



Glass Tube



Laser Power



AC Water Chiller



Exhausting Fan



Air Pump



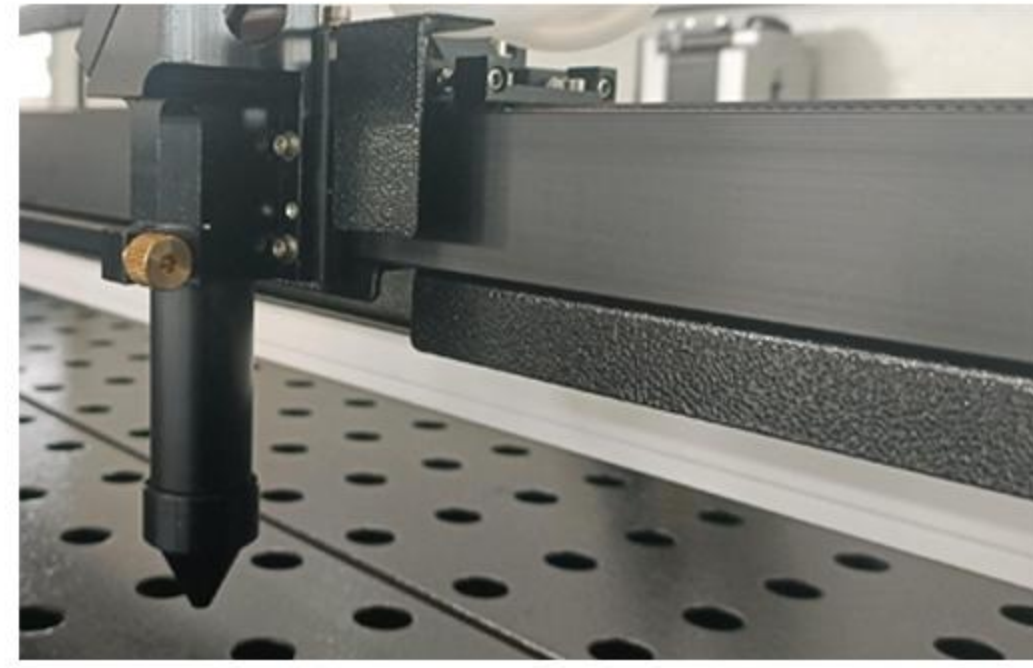
Lense



Stainless Steel Screw



Stepping Motor



Guide Rail

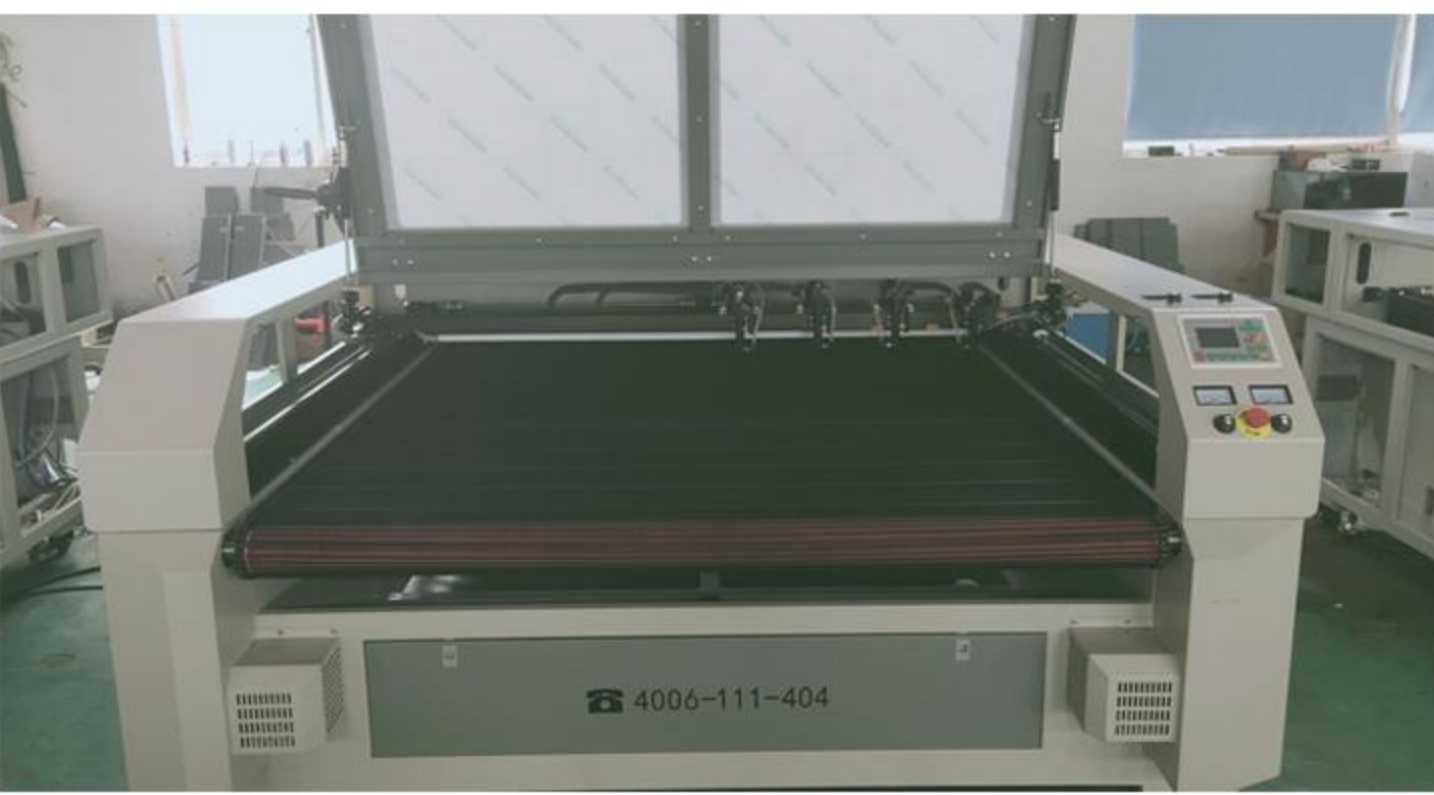


Spare Parts Tool Kit

To keep your laser cutter running for years, we provide you high quality spare parts verified by our QC process. And we offer replacing spare parts to our clients at COST PRICE just to ensure you have the best using experience and lowest maintenance cost.

## ■ SAFETY DESIGN

Following the safety standards, we try everything to make a reliable machine to protect both your operator and your laser machine.



All-Round Safe Cover



Alarm Lamp



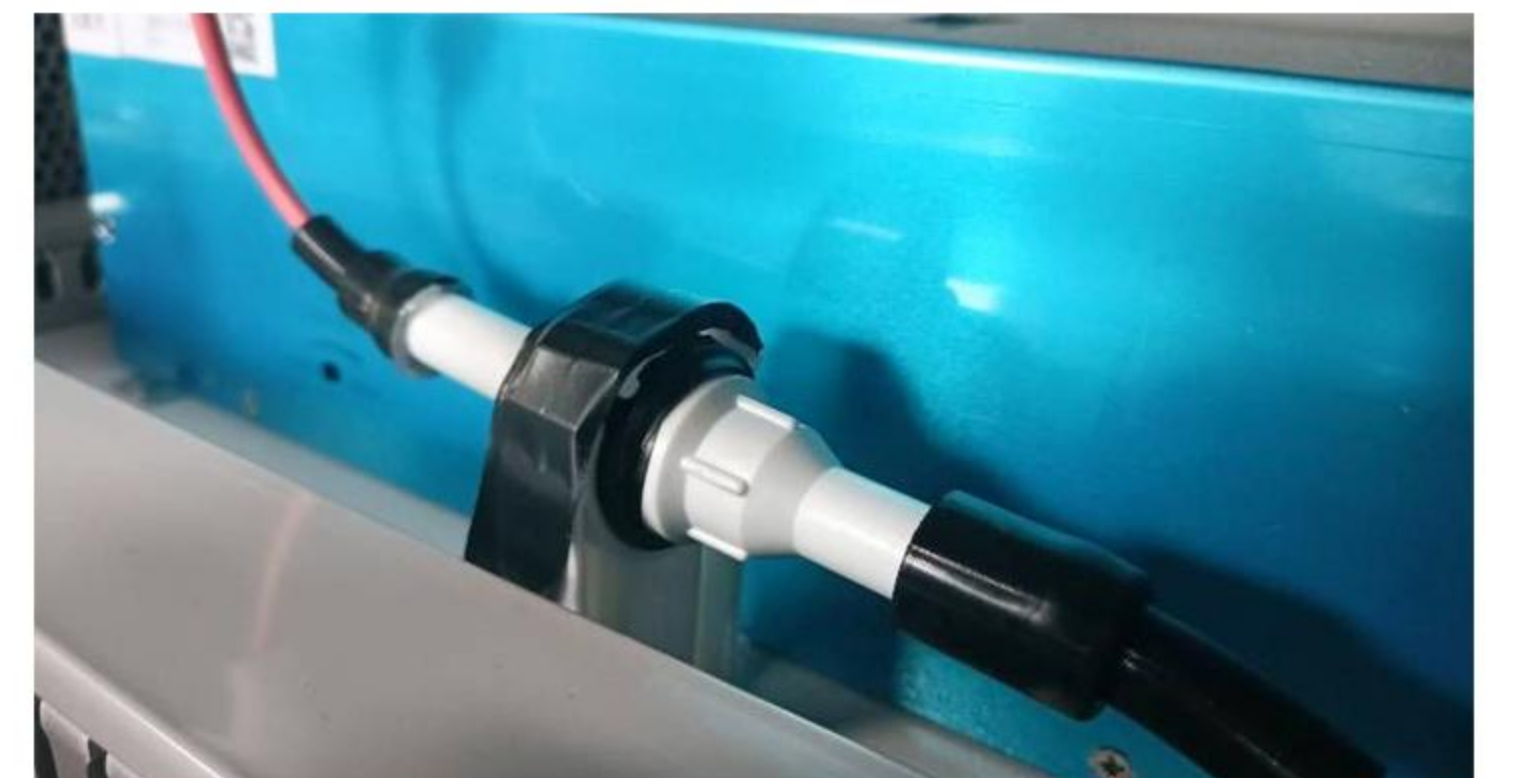
Emergency Button



Switch Built-in Design



High-Voltage Wire Insulation



Insulation Support Frame



Notification Stickers



Wire Protection



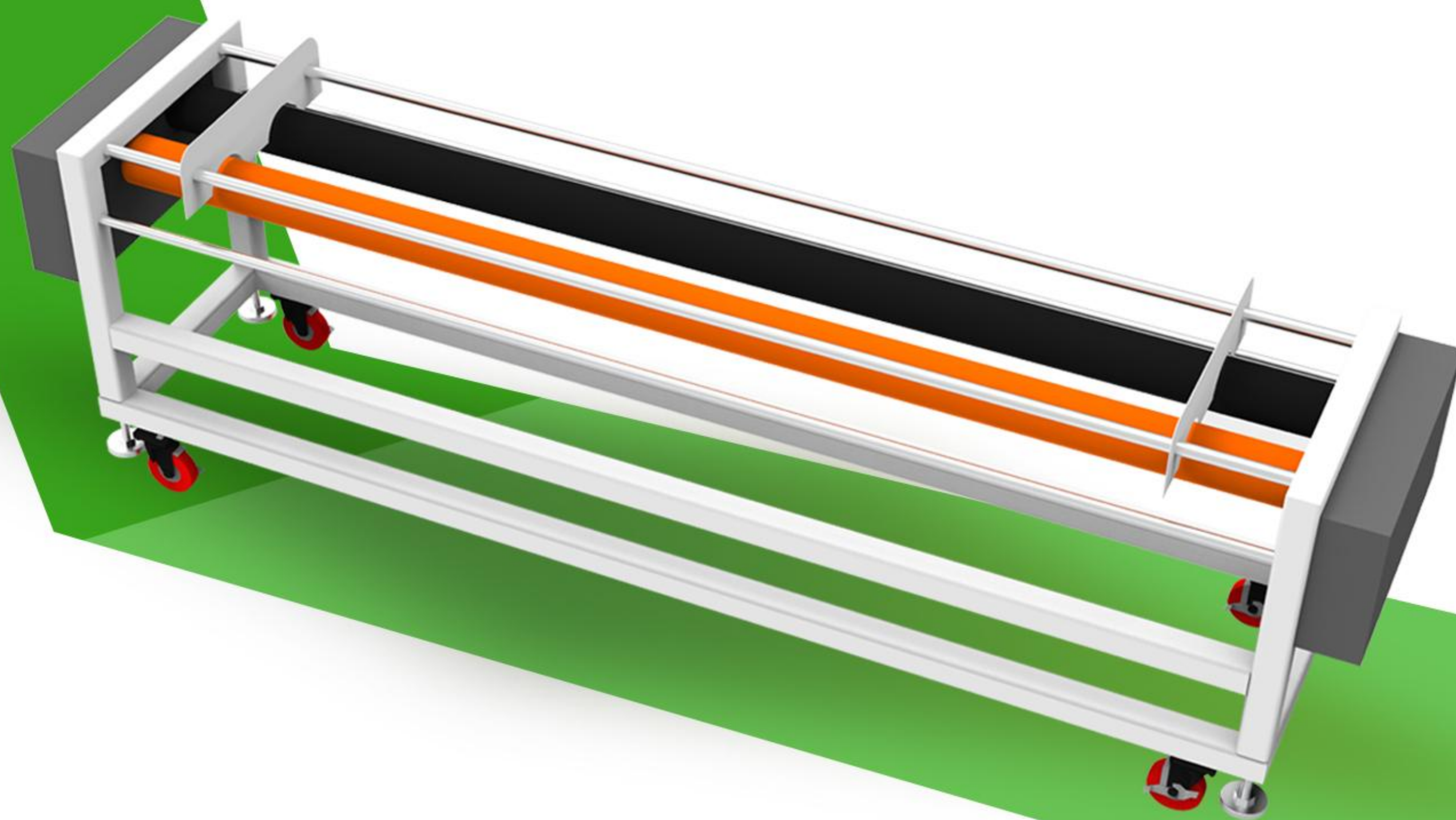
Connector Insulation



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# AUTO ACTIVE FEEDER

Machine Size: 2210mm\*530mm\*920mm



## INTRODUCTION

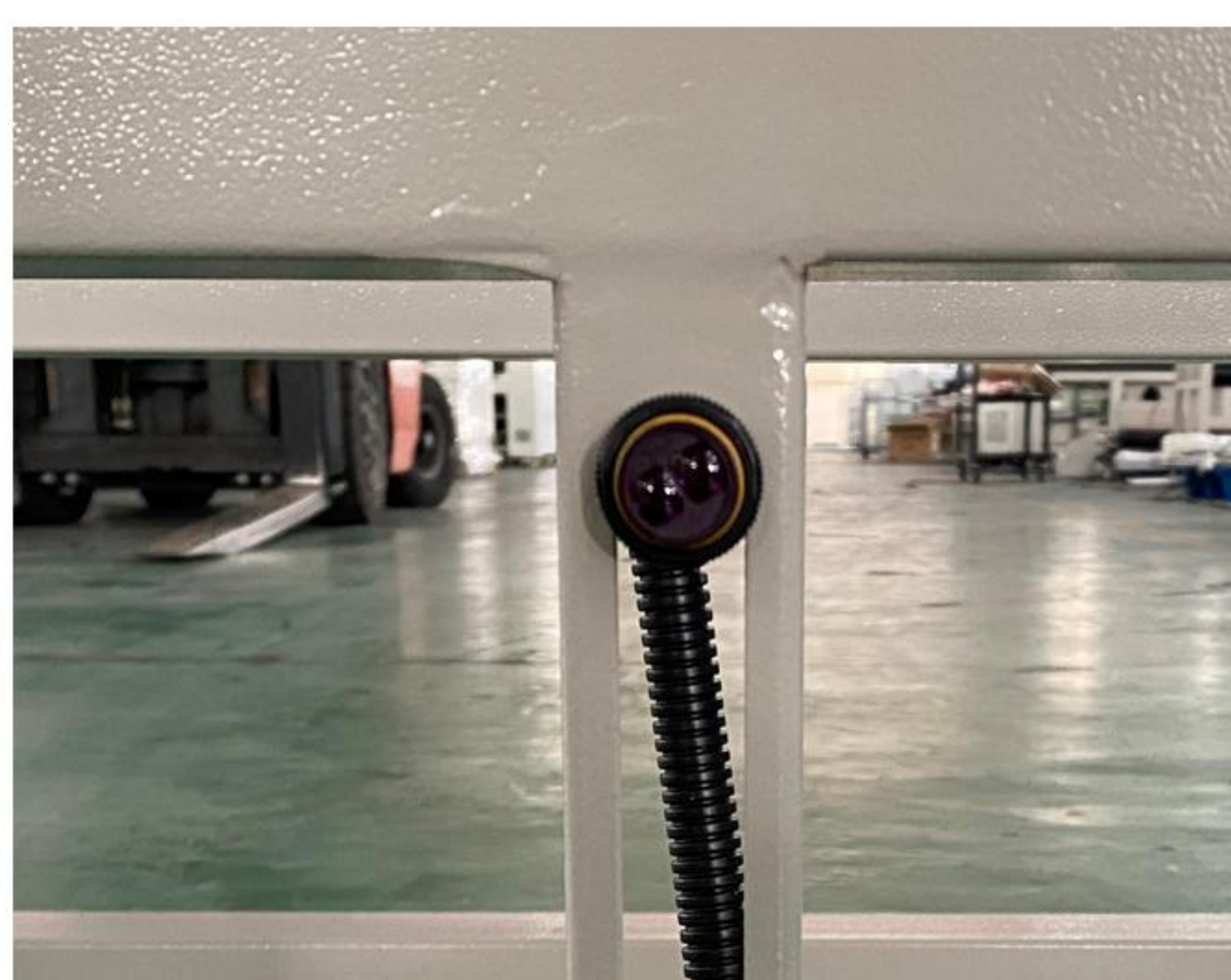
KASU's automatic active feeder is specially designed for auto-feeding roll-to-roll fabric or other soft materials. Reasonable structural design can be adapt to a variety of fabrics.

It is equipped with high sensitivity sensor switch to sense the presence or absence of the materials and then decide to start feeding or stop. It has an independent control system and can be connected to any brand of the laser machine. Branded motion system and other quality electric spare parts can ensure 24 hours stable running.

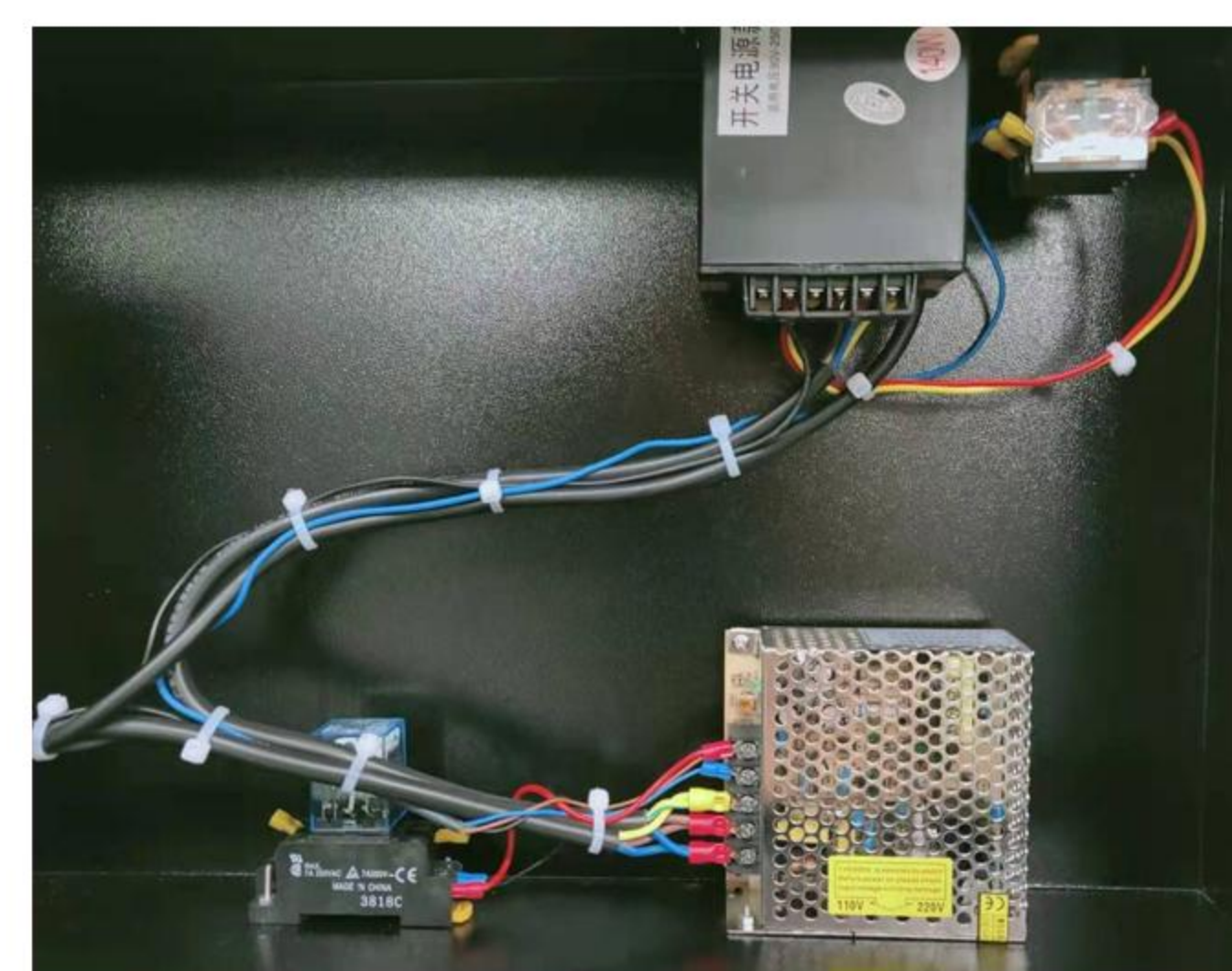
## KEY FEATURES



High Temperature Hardened Steel Frame Structure



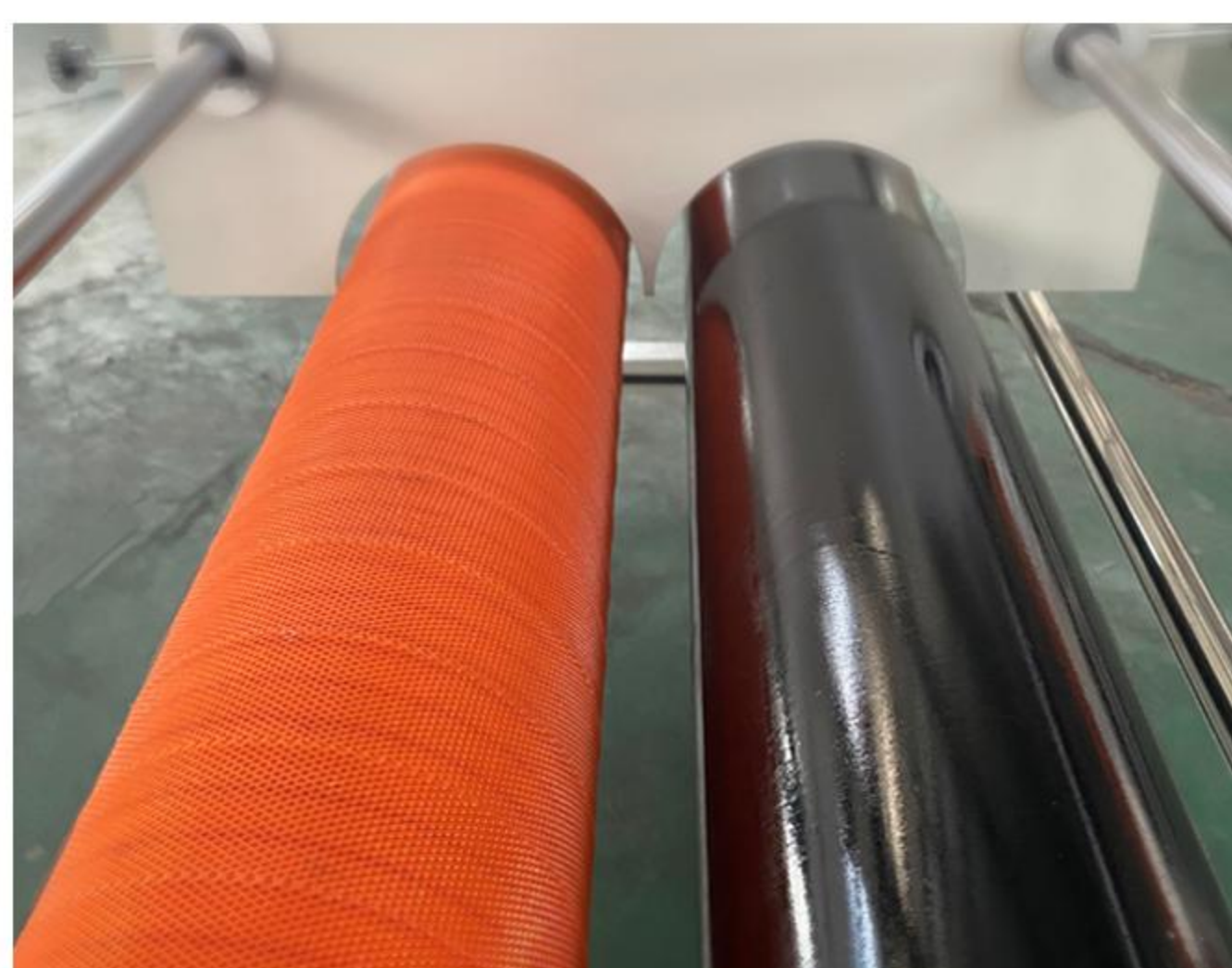
High Sensitivity Sensor Switch



Independent Control Board



Width Adjustable Fabric Stopper



Well Designed Fabric Roller With Friction



Strong Universal Wheels & Machine Feet

## OPTIONAL DEVICES



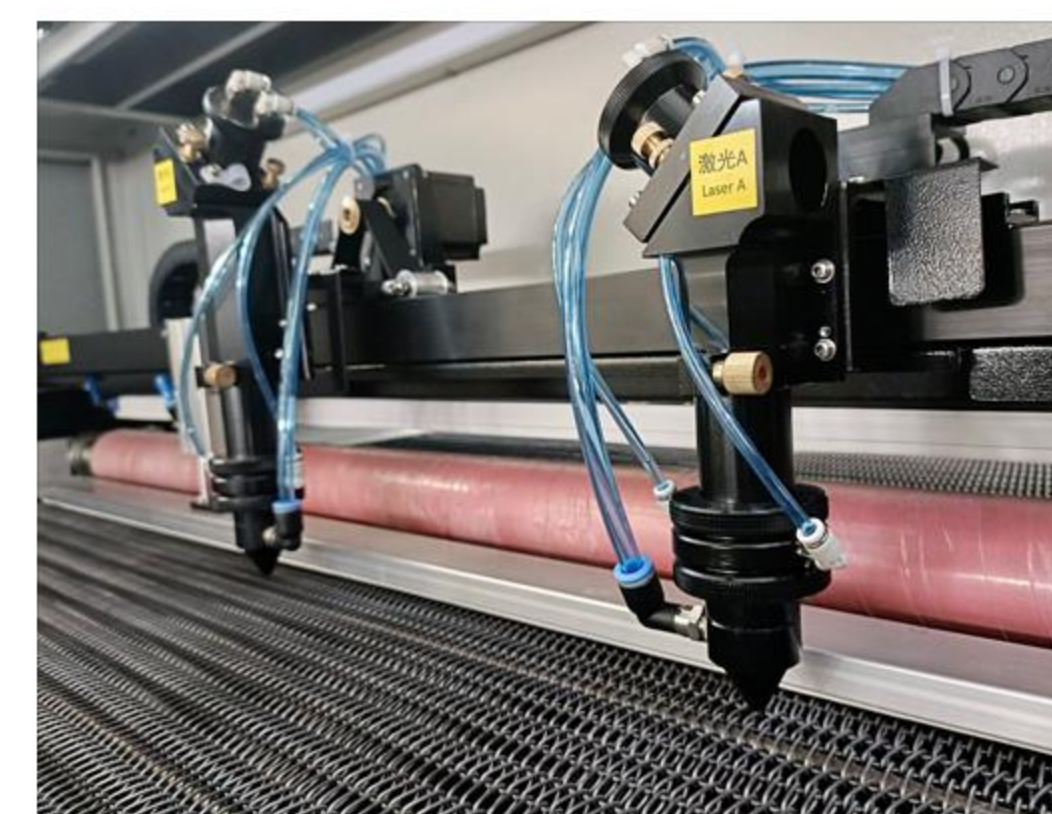
Roller Brush



Active Feeder



Extended Pick-up Table

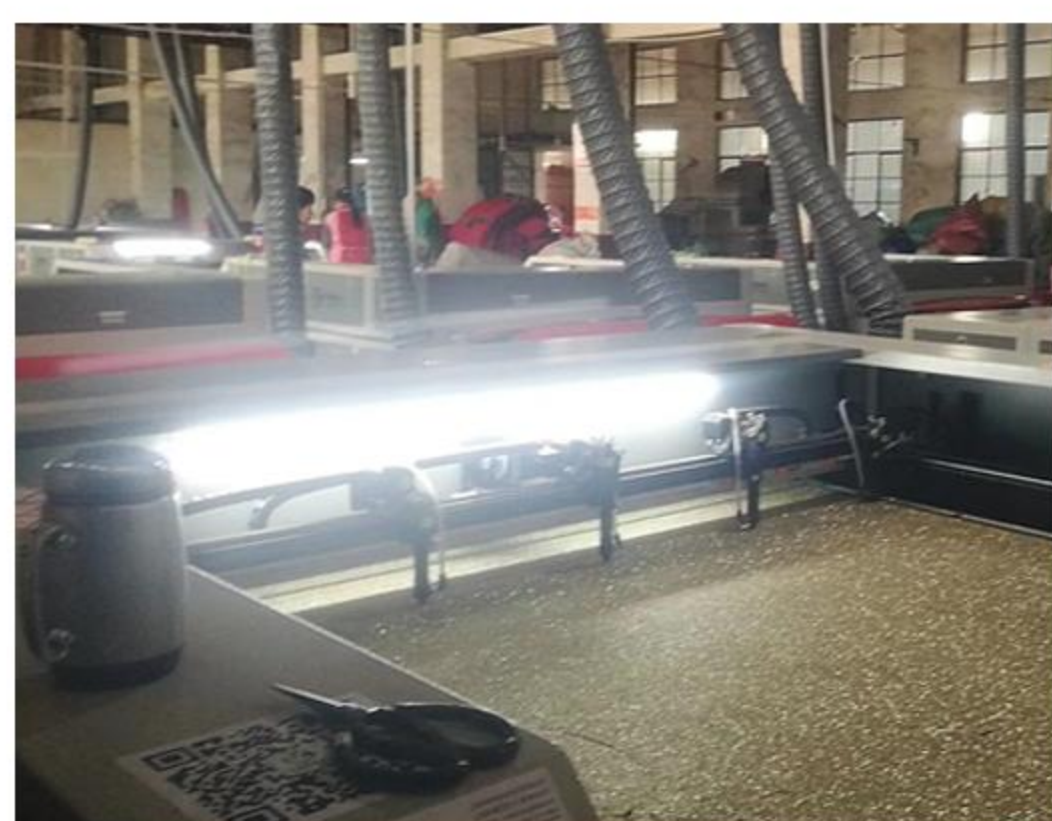


200W Laser Tube

## MACHINE PARAMETERS

Working Area	1800MM*1000MM	Software	KASU
Laser Type	Glass CO2 Laser Tube	Working Speed	<1000 MM/S
Laser Power	80/100/130/150W	Power Supply Requirements	AC220V±5% 50Hz/60Hz 1Phase
Heads of Laser	Four Heads	Format Supported	AI\BMP\PLT\DXF\DST
Dimensions with Wood Package	2.28*2.5*1.32M / 1.68*0.46*0.73M	Positioning Accuracy	±0.1MM
Gross Weight	1000KG	Operating Temperature	minus 10°C~45°C
Motion System	Hybrid Step-Servo Motor	Operating Humidity	5-95%
Cooling System	5800 Industrial Water Chiller	Total Power	<1.5KW (Excluding exhauster)

## SUCCESSFUL STORIES



## CONTACT US



WECHAT



WHATSAPP

Contact us now and get a live demo of how our digital cutting solutions help increase your cutting workshop productivity and efficiency.

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